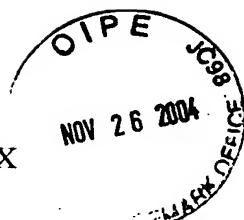


Docket No.: 241167US2X



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION: Masahiro AOYAGI, et al.

SERIAL NO.: 10/631,791

GAU: 2815

FILED: August 1, 2003

EXAMINER: JEROME JACKSON JR.

FOR: SUPERCONDUCTING INTEGRATED CIRCUIT AND METHOD FOR FABRICATION  
THEREOF

**LETTER SUBMITTING REPLACEMENT DRAWING SHEET(S)**

COMMISSIONER FOR PATENTS  
Alexandria, VA 22313

SIR:

Responsive to the below indicated communication, the following drawing sheets are submitted  
herewith:

☒ 2 Replacement Drawing Sheets

☐ \_\_\_\_\_ New Drawing Sheets

☒ Official Action dated July 26, 2004

☐ Notice of Allowance/Issue Fee dated \_\_\_\_\_

☐ Other dated \_\_\_\_\_

The changes and/or modifications made include the following:

The designation "Prior Art" has been added to each of Figs. 4(a)-4(g) and 5(a)-5(f).

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Gregory J. Maier  
Registration No. 25,599

Customer Number

**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 06/04)  
I:\ATTY\NS\00122\241167US.LOD\_112604.doc

Philippe J.C. Signore

Registration No. 43,922

Docket No. 241167US2X

IN RE APPLICATION OF: Masahiro AOYAGI, et al.

SERIAL NO: 10/631,791

FILED: August 1, 2003

FOR: SUPERCONDUCTING INTEGRATED CIRCUIT AND METHOD FOR FABRICATION THEREOF

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:

Transmitted herewith is an amendment in the above-identified application.

☐ No additional fee is required

☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.

☒ Additional documents filed herewith: Letter Submitting Replacement Drawings, Replacement Drawings (2 Sheets), Request for Extension of Time (1 Month)

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	5	MINUS	20	0	x \$18 =	\$0.00
INDEPENDENT	1	MINUS	3	0	x \$88 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$300 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		<input type="checkbox"/> Recordation of Assignment			+ \$40 =	\$0.00
		TOTAL				\$0.00

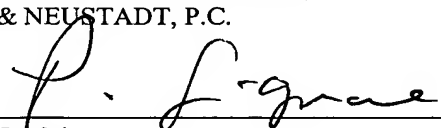
☐ A check in the amount of \$0.00 is attached.

☒ Credit card payment form is attached to cover the fees in the amount of \$110.00

☒ Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

  
Gregory J. Maier

Registration No. 25,599

Customer Number

22850

Tel. (703) 413-3000

Fax. (703) 413-2220

(OSMMN 05/03)

I:\ATTY\NS\00122\241167US.PTO\_112604.DOC

Philippe J.C. Signore

Registration No. 43,922